

Sl No	Items grouped under		Previous		Present			Total	
	Sub-heads and	Unit	Measurement		Measurement			Up to date	
	sub-works of the estimate		Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting gvenner or schiberger's method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality and acceptability of the users indicating the licating the location of site, recommended depth of 1.0 mtrs in consolidated formation for proper seating of casting pipe, depth of drilling required to cover full depth of acquifer proposed to be tapped, probate yield and other information required including transportation and accessories to work site, engaging technical personal and labour required etc	No	-	-	2.00	2016.00	4032.00	2.00	4032.00
2	Sinking borewell of 165mm dia clear using super fast Hydrolic rig of capacity 250 PSIG na above 900 CFM and abaove in all strats including over burden upto 20M. fixing of casing pipes collars and cap with necessary, cutting and threading including transportation of rig and supporting vehicles, crew charges and cost of consumbables etclm complete including yield testing at the final depth with a minimum work in on compression for an hour (excluding cost of casing pipes collars cap etc.,)0.00 to 50.00 mtrs	Rmtr	-	-	100.00	327.00	32700.00	100.00	32700.00

3	50.00 to 100.00 mtr	Rmtr	-	-	100.00	429.00	42900.00	100.00	42900.00
4	100.00 to 150.00 mtr	Rmtr	-	-	100.00	476.00	47600.00	100.00	47600.00
5	150.00 to 200.00 mtr	Rmtr	-	-	100.00	503.00	50300.00	100.00	50300.00
6	200.00 to 250.00 mtr	Rmtr	-	-	100.00	582.00	58200.00	100.00	58200.00
7	250.00 to 300.00 mtr	Rmtr	-	-	60.00	625.00	37500.00	60.00	37500.00
8	Additional Rate item no.9.1 is allowed for drilling in over burden and fixing casing pipes beyond 20 M (for fixing casing pipes only (a) Above 20M upto 30 M, 20.00 to 30.00 mtr	Rmtr	-	-	20.00	50.00	1000.00	20.00	1000.00
9	above 30.00 mtr	Rmtr	-	-	62.00	99.00	6138.00	62.00	6138.00
10	Supplying of ISI Mark 175 mm nominal bore, Plain end steel casing pipe - grade of steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments. electric resistance welded steel tube material and confirming to IS 1387/1993 and cmanufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mtrs. Both ends threaded confirming to IS 554/1985. one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking. weighing 25.10kg/mtr. (Inclusive of all taxes and durties) Prices include collar-medium duty	Mtr	-	-	152.00	1378.00	209456.00	152.00	209456.00
11	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.6 (Page no.92, item no.13.15)50mm dia	Rmtr	-	-	660.00	428.00	282480.00	660.00	282480.00
12	Providing 175mm dia MS cap	Each	-	-	8.00	105.00	840.00	8.00	840.00

Supply and drawing 3 core flat sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts as per 1x3x4 sqmm of 56 strands 0.3mm dia Group A 2014-15 3Cx4.0Sqmm	Mtr	-	-	1495.00	131.00	195845.00	1495.00	195845.00
Atalanta, Suguna, CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5KV(20 stage)	No	-	-	4.00	51953.00	207812.00	4.00	207812.00
Supplying and fixing wiring earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	Each	-	-	12.00	2836.00	34032.00	12.00	34032.00
Supplying and fixing 20"x20"x2.5" polished wood board made up not less than 15mm thick plank with front plank one end provided for olding at other end fixing the same of the valve using through bolts and nuts	Each	-	-	14.00	315.00	4410.00	14.00	4410.00
Supplying of 1.1 KV LTUG Cable having alluminium conductor PVC insulated extruded inner sheathed , galvanized, steel strip (except 2C X 10sq.mm wire armoured) confirming to IS-3975:1990(No.of Strip indicated in GTP) & extruded PVC outer sheathed armored cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm	Mtr	-	-	20.00	146.00	2920.00	20.00	2920.00

Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/on wall/on poles as required. In existing trench/duct. 6 sqmm to 16sqmm	Mtr	-	-	20.00	11.00	220.00	20.00	220.00
Supplying and fixing of procelain fuse channel with cutouts on existing wooden/panel using necessary nuts, bolts and washers. 63Amps	Each	-	-	12.00	243.00	2916.00	12.00	2916.00
Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications	N	-	-	14.00	1399.00	19586.00	14.00	19586.00
Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40-63Amps TPN	Each	-	-	12.00	2013.00	24156.00	12.00	24156.00
Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road including cost of materials, labour, HOM complete as per specifications	Cum	-	-	75.24	756.00	56881.44	75.24	56881.44
Earthwork excavation by manual means in hard soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications	Cum	-	-	310.07	495.00	153484.65	310.07	153484.65

Supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at joints testing and commissioning including loading and unloading at both destination and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approval type with all labour with all lead and lift including encasing the pipe alround to a depth of not less than 15 cms with soft gravel or selected earth available from the excavation etc., complete and giving necessary hydraulic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing)	Mtr	-	-	836.00	76.00	63536.00	836.00	63536.00
Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications	Cum	-	-	150.48	134.00	20164.32	150.48	20164.32
Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	-	-	75.24	5625.00	423225.00	75.24	423225.00

Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	-	-	50.16	5978.00	299856.48	50.16	299856.48
Providing and fixing chlorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) 20mm nominal OD pipes	Rmtr	-	-	72.00	174.00	12528.00	72.00	12528.00
Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No. KBS 13.2.2 / 13.3 15mm dia nominal bore	Each	-	-	60.00	210.00	12600.00	60.00	12600.00
Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 3.5Newton per sqm with cement mortar including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 with cement mortar 1:6	Cum	-	-	6.48	6848.00	44375.04	6.48	44375.04

Providing 12mm thick cement plaster in single coat with cement mortar, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. cement mortar 1:3	Sqm	-	-	86.40	260.00	22464.00	86.40	22464.00
Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading From 13.30 Kms	Cum	-	-	60.00	95.00	5700.00	60.00	5700.00
Supplying, installation, commissioning and testing CP PLUS 3 MP, 50 meters ip bullet camera, 1/3" 3MP PS CMOS image sensor, max 25fps @ 3MP, 25/30fps @1080P, H 264, H 264 H, H.264B, MJPEG dual-codec encoding, DWDR, Day/Night (ICR), 3DNR, ROI, AWB, AGC, BLC, HLC, 3, 6mm fixed lens (6mm optional), IR Range of 50 mtrs, IP67, SD card, PoE, Mobile, Software: iCMOB, GCMOB, CMS software: KVMS Pro, vOptimus Pro inclusive of all taxes and transportation charges as per the direction of engineer in charge.	Nos	-	-	-	23046.00	-	-	-
Supplying, installation, commissioning and testing CP PLUS 32 ch, H.265 4K Network video Recorder Up to 32 channel IP camera input H.265/H.264 dual codec decoding up to 8 Mp resolution preview and playback max 200Mbps incoming band width support 4 SATA HDDs up to 24 TB, 2 USB (1 USB3.0) HDMI / VGA simultaneous video output support multi-brand network cameras ONVIF version 2.4 conformance mobile software:iCMOB, gCMOB inclusive of all taxes and transportation charges as per the direction of engineer in charge.	Nos	-	-	-	68527.00	-	-	-

5	Supplying, installation, commissioning and testing netgear ready NAS 4-Bay Diskless network Attached storage for personal cloud by netgear inclusive of all taxes and transportation charges as per the direction of engineer in charge.	Nos	-	-	-	266676.00	-	-	-
5	Providing and supplying NAS hard disk drives 6 TB inclusive of all taxes and transportation charges as per the direction of engineer in charge.	Nos	-	-	-	24805.00	-	-	-
7	Supplying. Installation, commissioning and testing D-Link 8-Port Gigabit switch with 2 Combo SFP ports inclusive of all taxes and transportation charges as per the direction of engineer in charge.	Nos	-	-	-	28600.00	-	-	-
3	Providing and fixing media converter Giga Dink inclusive of all taxes and transportation charges as per the direction of engineer in charge.	Nos	-	-	-	11648.00	-	-	-
3	Providing and fixing OFC cable single mode 6 core inclusive of all taxes and transportation charges as per the direction of engineer in charge	Mtr	-	-	-	172.00	-	-	-
1	Providing and fixing electrical work for boxes for power supply, fixing PVC boards with three pin sockets and switches with protection MCB and cabling to street light electrical poles as per the direction of engineer in charge	No	-	-	-	7800.00	-	-	-
1	Providing CCTV MS poles with camera fixing brackets, 5 to 6 mtr height box inclusive of all taxes and transportation charges as per the direction of engineer in charge.	No	-	-	-	24440.00	-	-	-
2	Providing and fixing MS boxes for poles with rust proof powder coating box inclusive of all taxes and transportation charges as per the direction of engineer in charge.	No	-	-	-	8840.00	-	-	-

3	Providing internet charges connecting CCTV with IP based for one month.	No	-	-	-	3120.00	-	-	-
4	Supplying, installation, commissioning and testing of 43" LED TV-Reputed make sony/Samsung/LG inclusive of all taxes and transportation charges as per the direction of engineer in charge.	No	-	-	-	45760.00	-	-	-
5	Supplying, installation, commissioning and testing server rack 15 box inclusive of all taxes and transportation charges as per the directions of engineer in charge.	No	-	-	-	35880.00	-	-	-
6	Consider 6 Loads / Day for 167 Days 6 x 165 = 1002 Loads x Rs.443.37 = Fro 1 Load=2660.20/6	Day	-	-	-	462.00	-	-	-
7	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means: A. Lime Concrete, cement concrete grade M-10 and below. MORTH Specification No. 202 i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20.	Cum	-	-	-	727.00	-	-	-
8	EXACAVATING FOR PIPE LINE TRENCHES OF REQUIRED WIDTH by mechanical / & manual means including dressing sides, ramming of bottoms, providing barricading, danger lighting, shoring, strutting. Dewatering, etc., IN ALL KINDS OF SOIL MIXED WITH BOULDERS of 30 cms size, etc., for pipes of all dia for depth upto 2.0 M in all types of soils.	Cum	-	-	-	174.00	-	-	-

49	Supplying lowering laying, jointing, testing and commissioning of following diameters glazed stone ware pipes, conforming to IS 651:1992, IS 4127 with latest amendements, of sizes including conveying to worksite and caulking with hemp dipped in tar and jointing with CM 1:1.5 using Ordinary Port Land Cement confirming to IS 12330, perfect linking and curing for 10 days and testing with water, with all lead & lifts, Technical specifications, including cost of jointing materials, and all necessary survey works for laying of sewers etc., complete (Contractor will make his own arrangements for procuring water for testing).230 mm dia	Mtr	-	-	-	544.00	-	-	-
50	Labour charges for laying and jointing glazed stoneware pipes of 100 mm dia of tested quality conforming to IS 651 of 1965 including caulking with hemp yarn, jointing with C.M.(1:2) and testing with water etc., complete (rate includes cost of jointing materials and transportation of pipes from stores to site work but excluding earth work) Glazed stone ware pipe of 230 mm dia.	Rmtr	-	-	-	113.00	-	-	-

51	Providing House connection with excavation in all types of soils without damaging the other utilities and supplying & laying of 25mm ODMDPE pipe (PE80) manufactured in accordance with ISO 4427 / 1996 with minimum required strength of 8 Mpa. hydraulic design stress of 6.3 Mpa and with minimum wall thickness of 2.3 mm by making the bore of 15mm dia size on the Board's supply mains of 100 mm dia. Size using drilling bits and dismantling the size stone masonry wherever necessary and making bore in the wall of the premises. On entering the premises connection should be continued with 20 mm GI pipe by making 'U' shape for the meter point below the ground level by making pit with sufficient space for the easy installation and removal of the water meter and providing vertical stand pipes on both sides of the meter. The connection should be secured firmly on the Boards' main pipe with SS/Brass Ferrule of size 1/2" x 3/4" and fixing the union joint and gate valve / stop cock before the meter point and a Reflex valve / Non return valve should be fixed on the connection after the meter point (all these fixtures should be of standard quality conforming to IS) and compression fittings for MDPE pipes conforming etc complete.	Cum	-	-	-	3702.00	-	-	-
52	Refiling pipeline and foundation with selected trenches available earth from trench excavation and foundation including 5 watering, consolidation in layers of 15cms., thickness including disposing off the surplus earth with all leads & lifts.	Cum	-	-	-	65.00	-	-	-
53	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. plant mix method for Grading-II material.	Cum	-	-	-	1633.00	-	-	-

54	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	-	-	-	1735.00	-	-	-
55	Dismantling the damaged or collapsed manhole of 4" dia conical in shape and reconstructing the same with machine made wire 6 brick in CM (1:4) as per design and specifications of new cut manhole 4" dia with old frame and cover excluding bed concrete 13.6	Nos	-	-	-	7652.00	-	-	-
56	Providing and constructing "wire cut brick manhole chambers" using sulphate resistant cement, conical in shape at top with C.C. 1:3:6 foundation using 40 mm and down size graded metal of approved quality and with an offset of 0.15 m around the chamber and brick masonry in C.M. 1:4 plaster with wire cut bricks of approved quality and CM plaster 1:3 proportion 12 mm thick inside and outside except for the conical surface outside where the thickness of plaster shall be 20 mm thick, with 1:6 slope in the concrete towards the central drain, finished smooth and fixing of pipes in CC 1:2:4 graded metal of 20 mm and down size including conveying to work spot supplying & fixing SFRC manhole frame and cover conforming to IS:12592 with latest amendments in CC 1:2:4, supplying and fixing of minimum 3 mm thick encapsulated plastic footsteps (as per IS 10910) on 12 mm dia, Grade Fe-415 steel bar (as per IS 1786) staggered at 30 cms apart as detailed in Technical Specifications and as directed, watering, curring, barricading, danger lighting, pouring tar over MH frame and cover, cost of tar, shoring, strutting, dewatering, engraving manhole No. with flow direction on the inner conical surface etc., as per the drawing with wire cut bricks as per technical specifications for the following diameters & depths by using Ordinary Port Land Cement. (inclusive of earth work for all types of soil) for 1.0m depth.	No	-	-	-	16333.00	-	-	-
57	For 1.5 m depth	No	-	-	-	22338.00	-	-	-

58	F 3 m depth	No	-	-	-	43414.00	-	-	-
59	Disposing off the excess excavated earth of all type up to a distance mentioned every km beyond 5 KM 8 considering 10 km below by vehicle including loading unloading with all lifts labour HOM of machinery etc., complete.	Cum	-	-	-	153.00	-	-	-
60	Hire charges for 2 HP de watering pump to bail out water at leaking pits inclusive of hire charges etc., complete Rs.1300/- per day of 8 hours shift per day.	Days	-	-	-	1352.00	-	-	-
61	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum, Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rakers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermeable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour, hire charges of machineries, all lead & lift charges etc., complete as per specifications (with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum.)	Cum	-	-	-	5419.00	-	-	-
62	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	-	-	-	262.00	-	-	-

33	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	-	-	-	5725.00	-	-	-
34	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	-	-	-	395.00	-	-	-
35	Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	-	-	-	6238.00	-	-	-

66	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3	Tonne	-	-	-	78232.00	-	-	-
67	Providing and fixing pre cast covering slab made out of CC 1:2:4 with 10cm thick and finishing cutting, including form work, curing , including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	Sqm	-	-	-	1947.00	-	-	-
68	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, 1:3 stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Cum	-	-	-	5066.00	-	-	-
69	Providing flush pointing 20 mm deep to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications	Sqm	-	-	-	155.00	-	-	-

60	Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	-	-	-	5873.00	-	-	-
71	Construction of embankment with approved material Gravel/Murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305	Cum	-	-	-	359.00	-	-	-
72	Providing and making precast seating arrangements including excavation laying pcc M15, providing laying M20 concrete for pedestal and seating slab, fixing of seating slab including all necessary bolt and nuts etc., complete and as per the directions of the work.	Each	-	-	-	12256.00	-	-	-
73	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 conforming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4	Sqm	-	-	-	1005.00	-	-	-

74	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	-	-	-	270.00	-	-	-
75	Fabricating, supplying & erecting M.S. Angular Truss for all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification	Kgs	-	-	-	140.00	-	-	-
76	Supplying and fixing new Mangalore tiles on existing reepers,	Sqm	-	-	-	449.00	-	-	-
77	Painting:-Providing and applying two coats of ready mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications. MORTH Specification No. 803 painting on steel surface.	Sqm	-	-	-	80.00	-	-	-
Total Construction cost Rs:-							2379857.93	✓	2379857.93
Add 12% GST Charges							285582.95	✓	285582.95
Grand Total							2665440.88	✓	2665440.88

2665440

2665440

Certificate:

- 1 Certified that the contractor has work done satisfactorily.
- 2 The contractor has removed the debries from work site.
- 3 There is no dept. materials issued to the contractor.


Asst. Engineer
Ward no.08
BBMP- Bangalore


Asst. Executive Engineer
Kodigehalli Sub Division,
BBMP -Bangalore
Bangalore.